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the history of single characters, one at a time, is a history of the whole; third, because the interruptions in the geological record will always prevent us from making complete phylogenetic series, and our tangible breaks will be transverse to phylogenetic lines; and it is on these breaks that the system will ever depend. Such a system may be called artificial, but it is the only system with definitions that we can ever have. As a consequence of his views on this subject, Mr. Seebohm combines species with three toes in the same genus as those with four, and species with an expanded bill (*Eurynorhynchus*) with species without such expansion (*Tringa*).

Like most American zoologists, Mr. Seebohm finds it necessary to adopt sub-specific names, or the trinomial system, for protean groups. In this way the relations of the forms are well expressed throughout this work.

We wonder when the wealthier men of the United States will begin to devote some of their spare time and means to the production of works like this admirable combination of science and art.
—*E. D. C.*

RECENT BOOKS AND PAMPHLETS.

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GENERAL NOTES.

GEOGRAPHY AND TRAVEL.¹

ASIA, ETC.—NORTH BORNEO.—The account of explorations in North Borneo, by D. D. Daly, published, with map, in the Proceedings of the Royal Geographical Society (January, 1888), is a valuable addition to current knowledge of the great island, a large portion of which has recently fallen under British rule. The most southerly point of British North Borneo is 3° 52' N.; the most northerly (the northern point of Banguet Island), 7° 25' N.; the most westerly, 115° 20' E.; the most easterly, 119° 16' E. The area is computed at 31,000 square miles, the seaboard at 700 miles, and the population at 150,000. The principle land-locked

¹ Edited by W. N. Lockington, Philadelphia, Pa.